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States
Steel
Corporation

PA
JUN 2 1982
DIV. HAZARDOUS
MATERIALS MANAGEMENT

EASTERN STEEL DIVISION

LORAIN-CUYAHOGA WORKS
1807 EAST 28TH STREET
LORAIN, OHIO 44055

April 27, 1982

US EPA RECORDS CENTER REGION 5



474169

HWFAB

P.O. Box 1049

361 E. Broad St.

Columbus, Ohio 43216

Attn: Mr. Ed Lim

Subject: Hazardous Waste Impoundment

Gentlemen:

Attached is the information concerning our hazardous waste impoundment area which you requested by telephone on April 20, 1982.

The decanter tank tar sludge from coking operations (K087) and the leaded steel grinder dust from steel finishing operations (D008) are the only wastes being deposited in the impoundment. The decanter tank tar sludge is a dark brown to black semi-solid sludge. This sludge is mixed with crushed slag at the impoundment prior to being deposited in order to make it stable enough to support the bulldozer which mixes and deposits it. The tar tank decanter sludge represents over 96% of the material being deposited in the impoundment.

The leaded steel grinder dust is a finely divided solid produced in small quantities by steel finishing operations. It represents less than four percent of the material being deposited in the impoundment.

The capacity of the hazardous waste impoundment as of November 19, 1980 was approximately 74 acre-feet. The impoundment covers approximately 2.1 acres, and is approximately 35 ft. deep. The land surrounding the impoundment is sloped away, to prevent surface water from entering. The precipitation falling within the impoundment is contained by the impoundment.

Yours truly,

M. S. White, Jr.
Chief Engineer

MRS:cs

Attachment

cc: A. A. Spinola